

2F04200-PCT

FIG.1

- 101 PUBLIC NETWORK
- 102 PRIVATE NETWORK
- 103 PUBLIC WIRELESS LAN SYSTEM
- 5 104 NETWORK RELAY APPARATUS
- 105 VIRTUAL PRIVATE NETWORK RELAY APPARATUS
- 106 HOME AGENT
- 107 PUBLIC WIRELESS LAN
- 108 CONNECTION AUTHENTICATION SERVER
- 10 109 WIRELESS LAN ACCESS POINT
- 110 MOBILE WIRELESS TERMINAL APPARATUS

FIG.2

- 110 MOBILE WIRELESS TERMINAL APPARATUS
- 15 201 AUTHENTICATION PROCESSING SECTION
- 202 ADDRESS NOTIFYING SECTION
- 203 ADDRESS ACQUIRING SECTION
- 204 IPsec SHARED KEY ACQUIRING SECTION
- 205 IPsec KEY EXCHANGING SECTION
- 20 206 MIP SHARED KEY ACQUIRING SECTION
- 207 MIP REGISTERING SECTION

FIG.3

- 105 VIRTUAL PRIVATE NETWORK RELAY APPARATUS
- 25 301 ADDRESS ACQUIRING SECTION
- 302 IPsec SHARED KEY ACQUIRING SECTION
- 303 IPsec KEY EXCHANGING SECTION

FIG. 4

- 108 CONNECTION AUTHENTICATION SERVER
- 401 AUTHENTICATION PROCESSING SECTION
- 5 402 ADDRESS NOTIFYING SECTION
- 403 ADDRESS ACQUIRING SECTION
- 404 IPsec SHARED KEY DISTRIBUTING SECTION
- 405 MIP SHARED KEY DISTRIBUTING SECTION

10 FIG. 5

- 109 WIRELESS LAN ACCESS POINT
- 501 AUTHENTICATION RELAY SECTION

FIG. 6

- 15 106 HOME AGENT
- 601 MIP SHARED KEY ACQUIRING SECTION
- 602 MIP PROCESSING SECTION

FIG. 7

- 20 105 VIRTUAL PRIVATE NETWORK RELAY APPARATUS
- 106 HOME AGENT
- 108 CONNECTION AUTHENTICATION SERVER
- 109 WIRELESS LAN ACCESS POINT
- 110 MOBILE WIRELESS TERMINAL APPARATUS
- 25 STEP
- CONNECTION AUTHENTICATION PROCEDURES
- PERMISSION OF CONNECTION

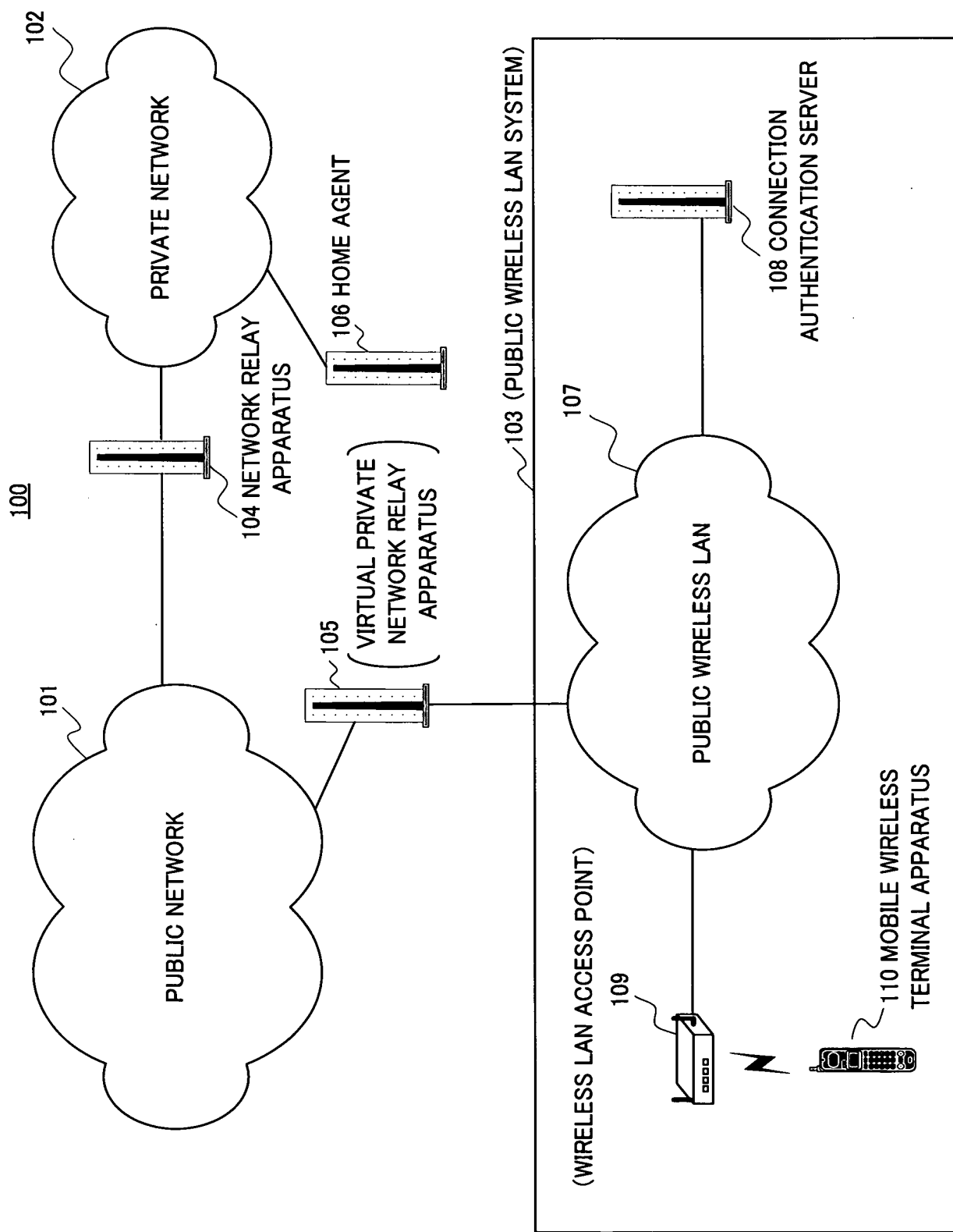


FIG.1

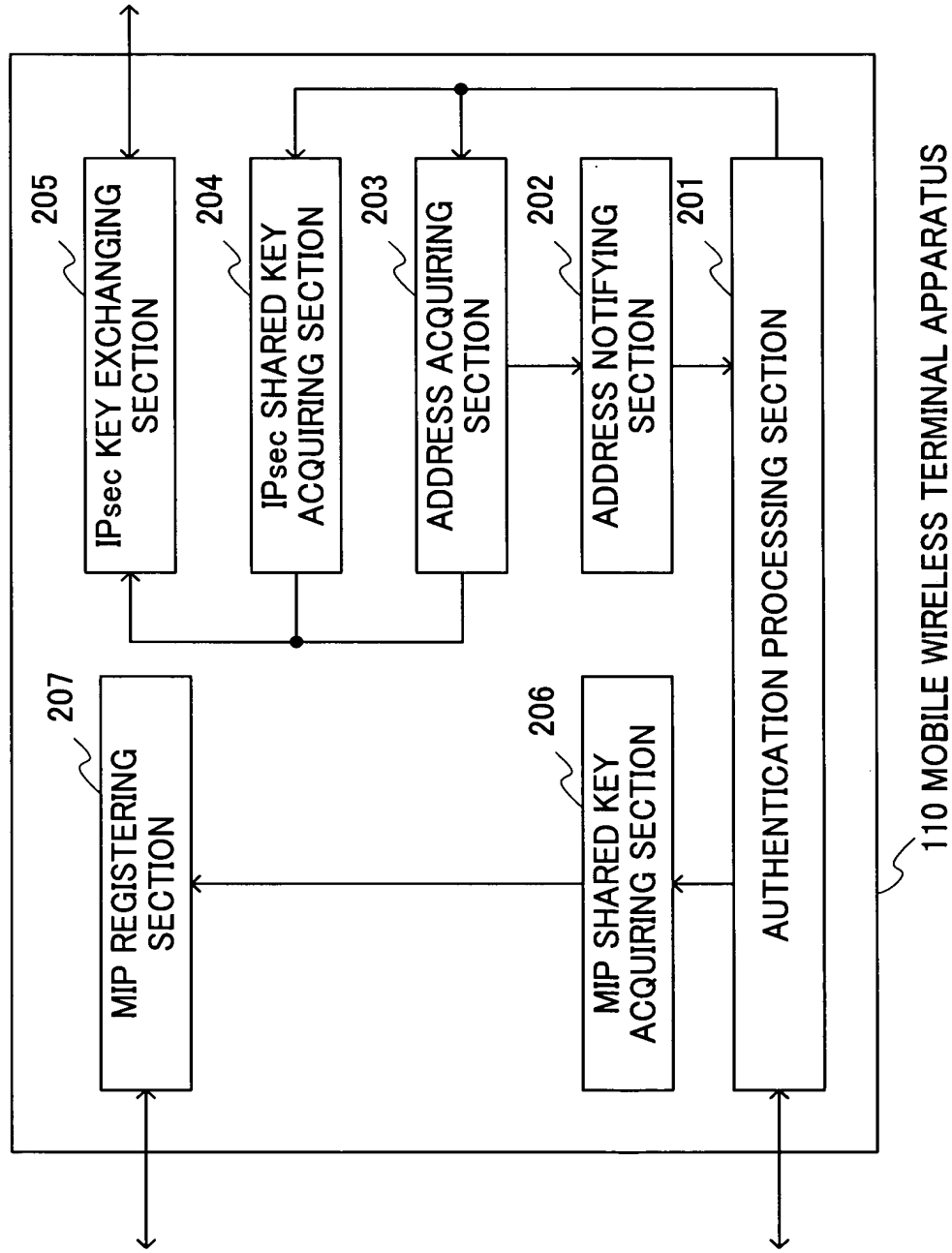


FIG.2

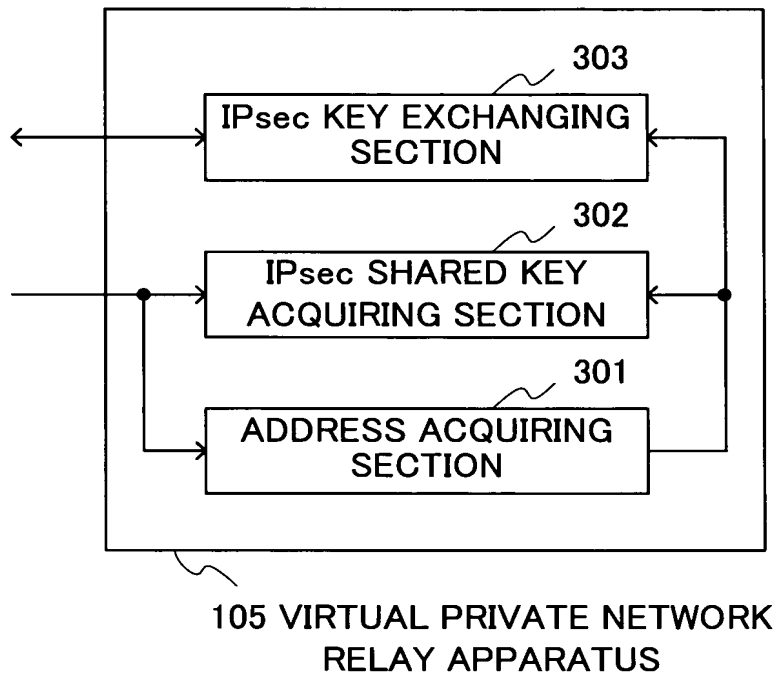


FIG.3

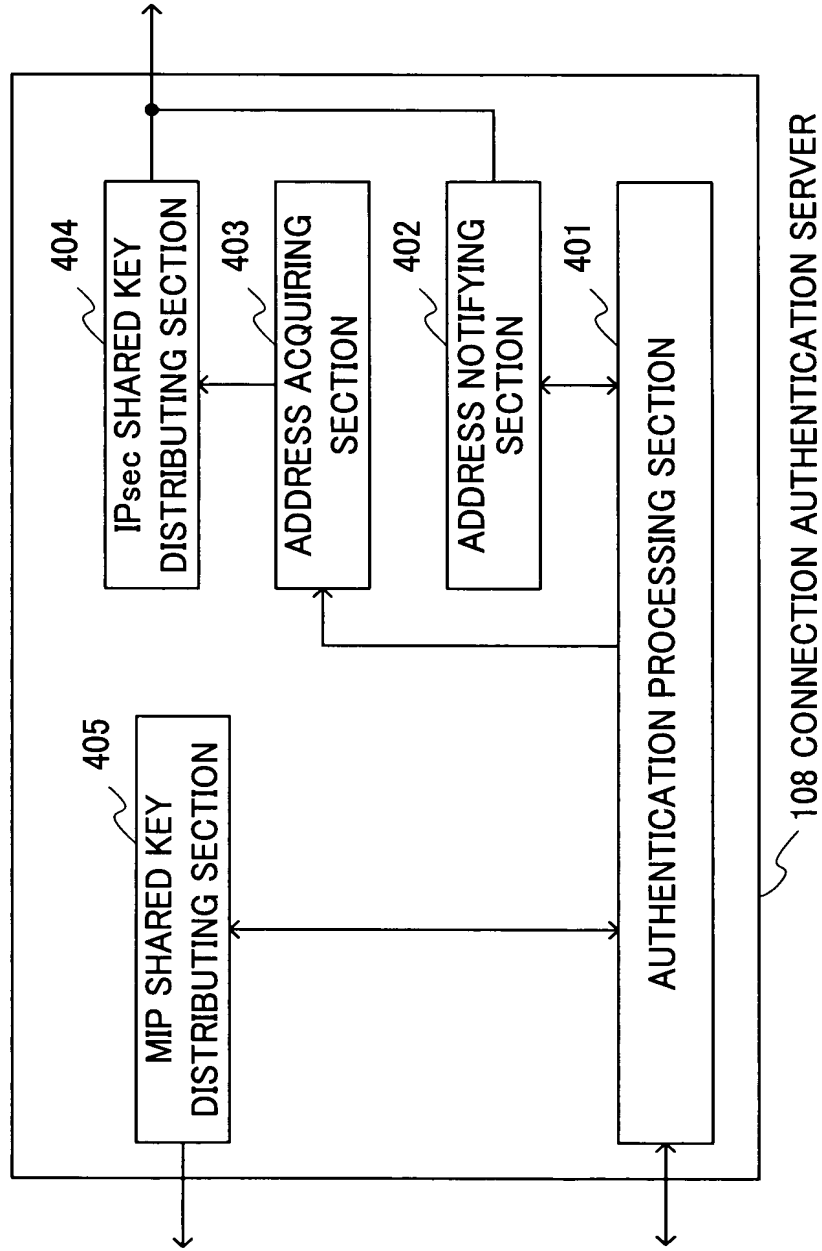


FIG.4

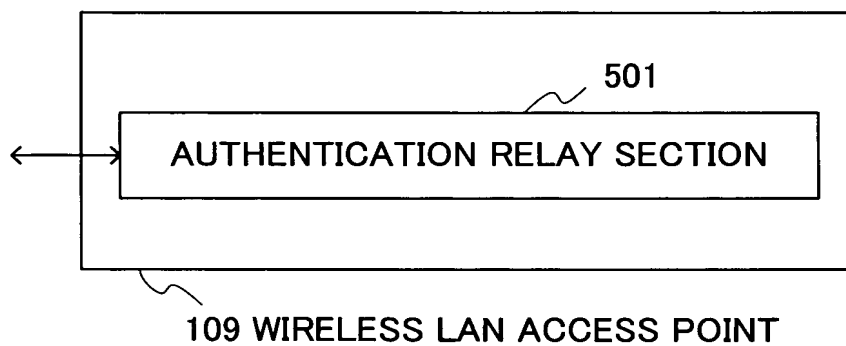


FIG.5

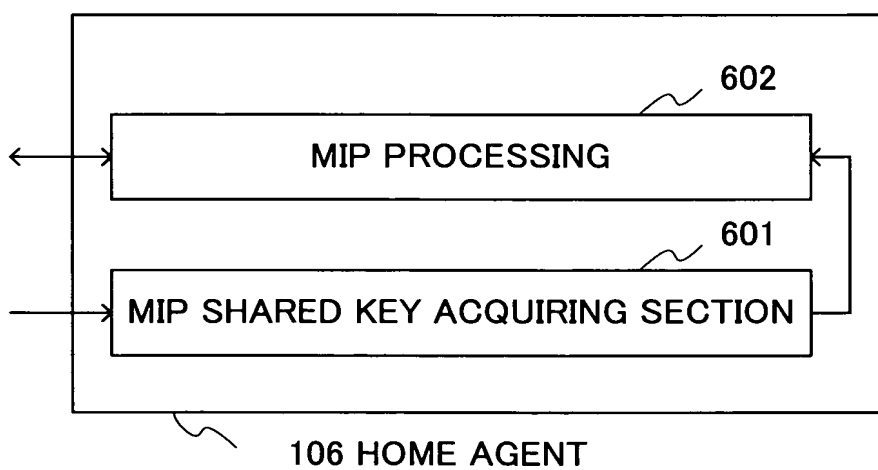


FIG.6

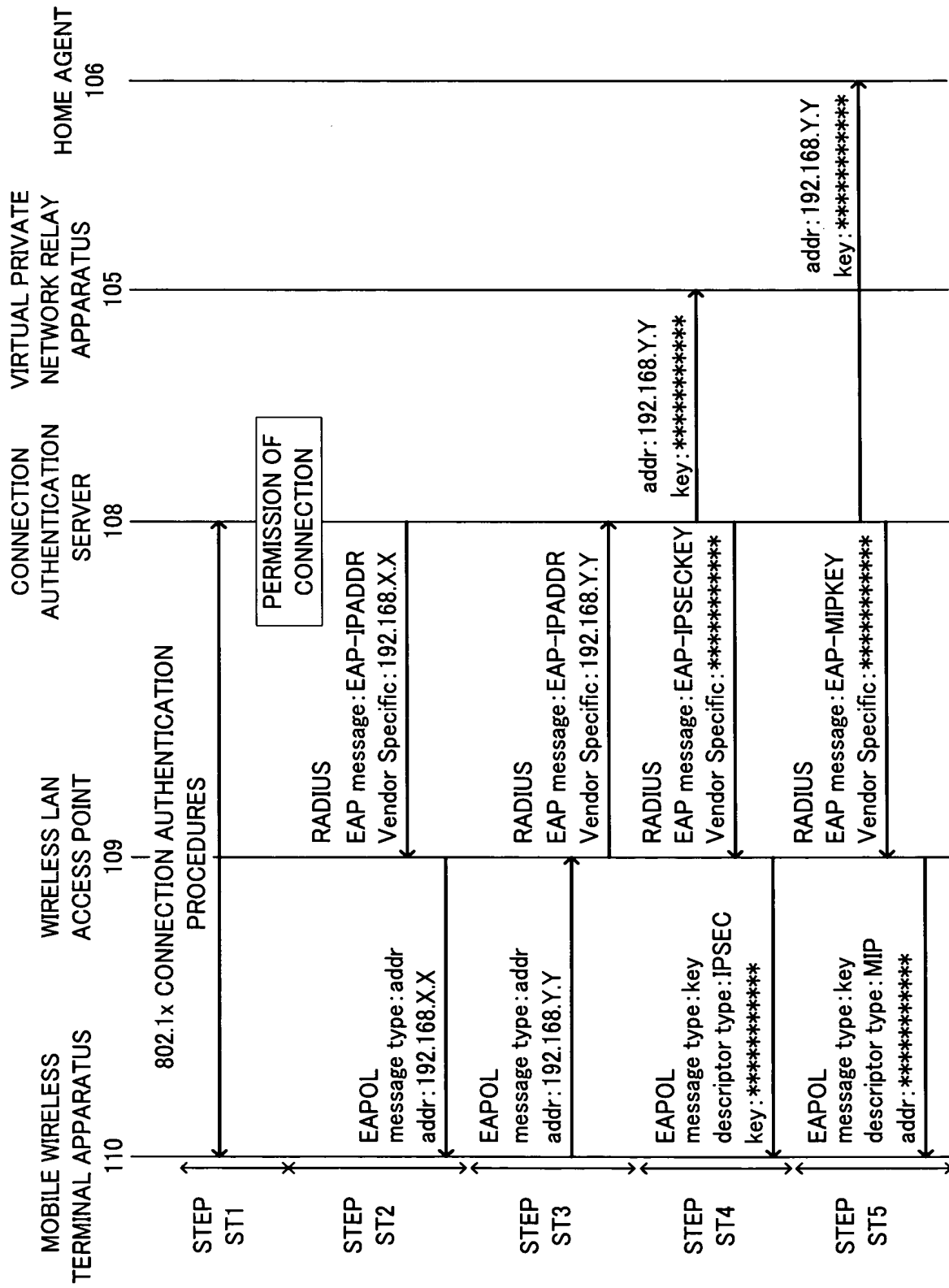


FIG.7

PAE Ethernet Type
Protocol Version
Packet Type
Packet Body Length
Packet Body

FIG.8

Description Type
Length
IP Address

FIG.9